



FEMA



Prepared by:
Zach Maye

FEMA Region 6 Weather Threat Briefing

Friday, April 13, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- **Slight to Moderate risk area for severe thunderstorms across NE TX/E OK into AR & LA.**
- **Heavy rainfall possible for E AR into N LA.**
- **Critical/Extreme fire weather conditions across E NM/W TX into central OK.**

Saturday

- **Enhanced risk area for severe thunderstorms across SE LA.**
- **Isolated heavy rainfall possible for SE LA.**
- **Elevated to Critical fire weather conditions continue over OK and NW TX**

Sunday - Tuesday

- **Elevated/critical fire weather conditions across NM/W TX into NW OK.**

River Flood Status

- **Rivers in minor flood in AR and LA continue to slowly recede or will remain near steady state.**

FEMA Region 6 Threat Matrix

April 13, 2018 – April 17, 2018



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	FRI	SAT	SUN	MON	TUE
Severe Storms	NETX/SE OK AR/LA	SE LA			
Heavy Rain / Flash Flooding	E AR/N LA/ETX	SE LA			
Fire Weather	NM/WTX into central OK	NM/OK WTX	NM WTX/W OK	NM WTX/W OK	NM WTX/W OK
Winter					
River Flooding	ETX/ AR LA				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

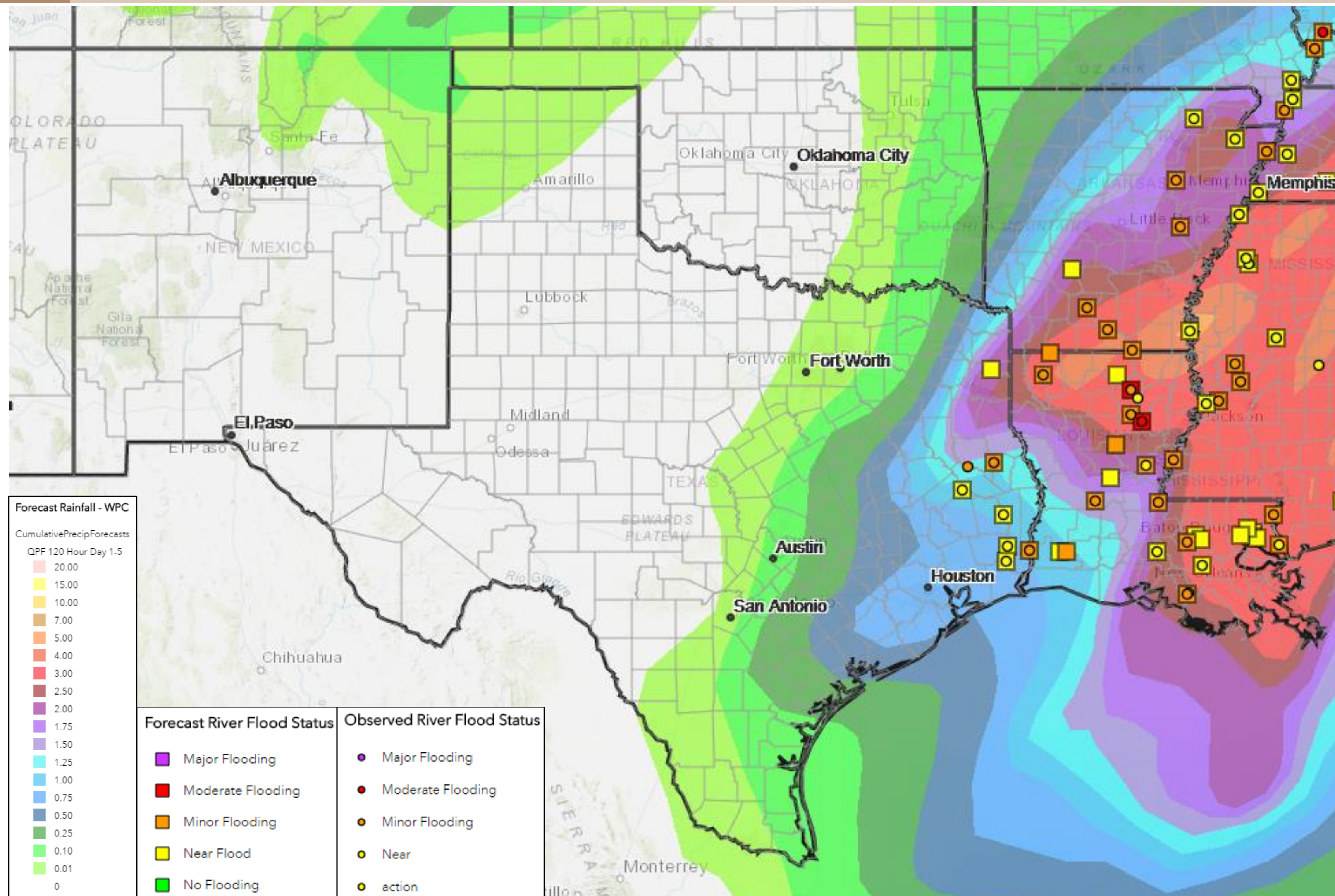
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



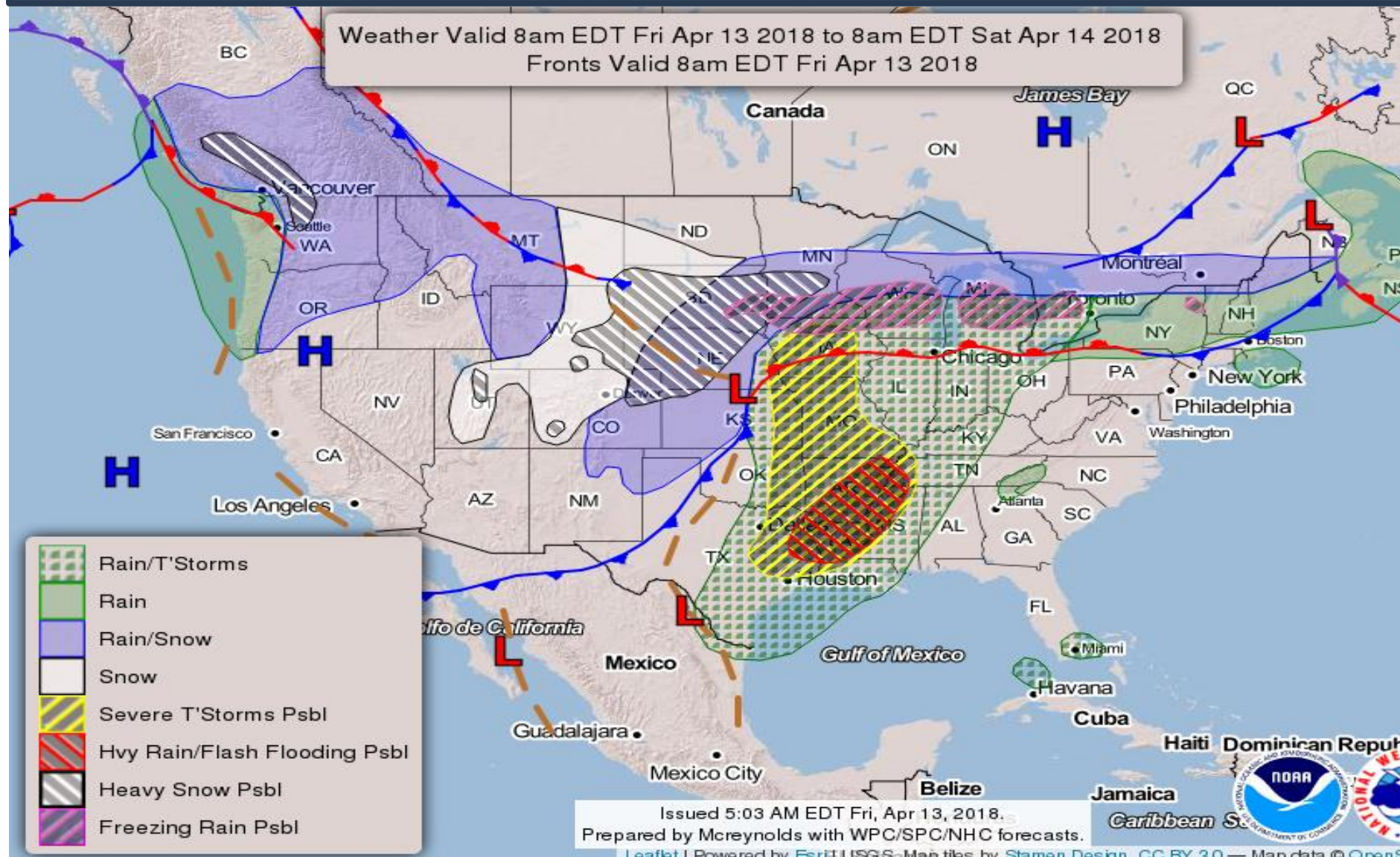
River points across SE TX into LA remain in minor flood stage this week.

Today's Weather

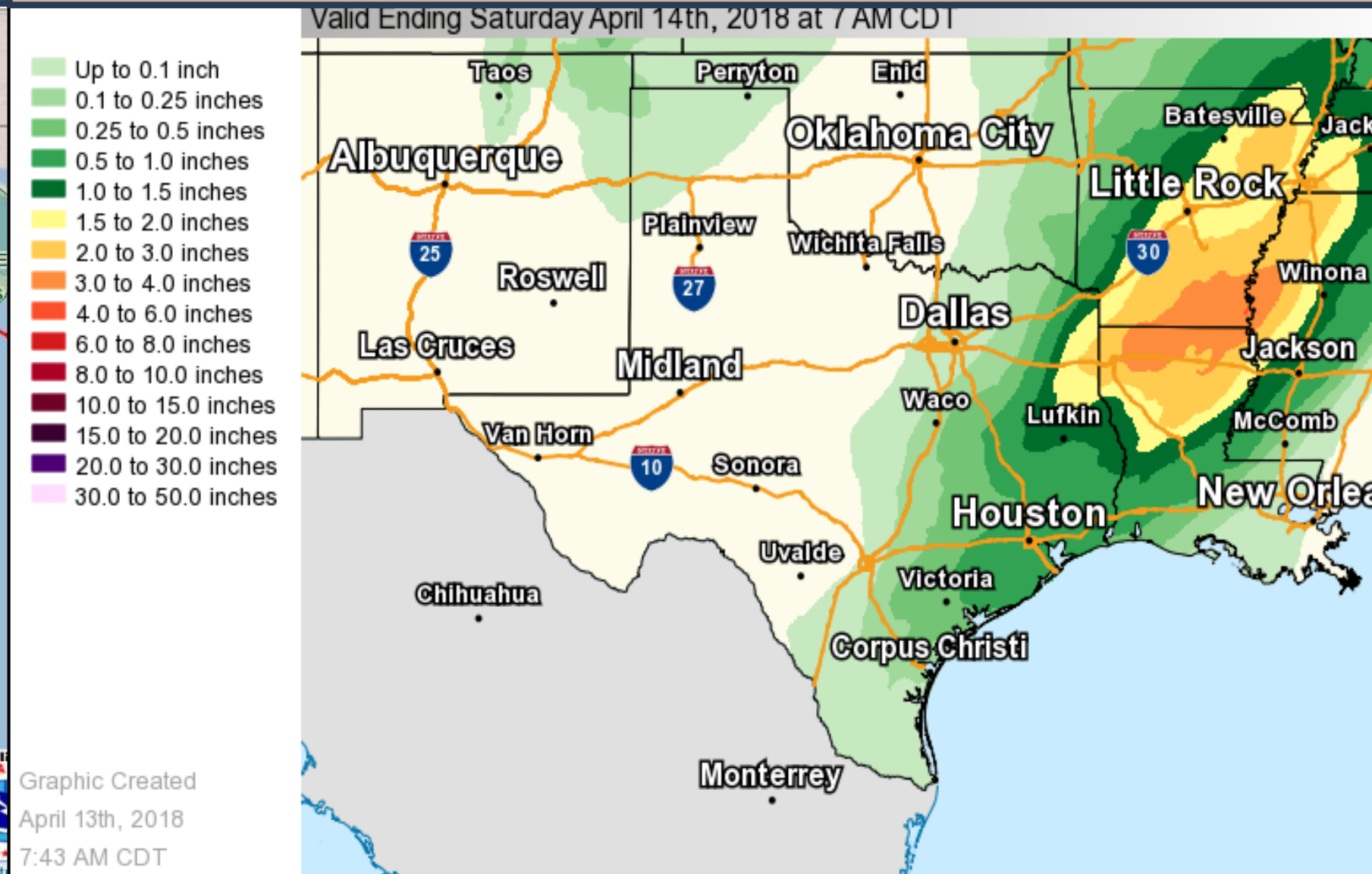


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

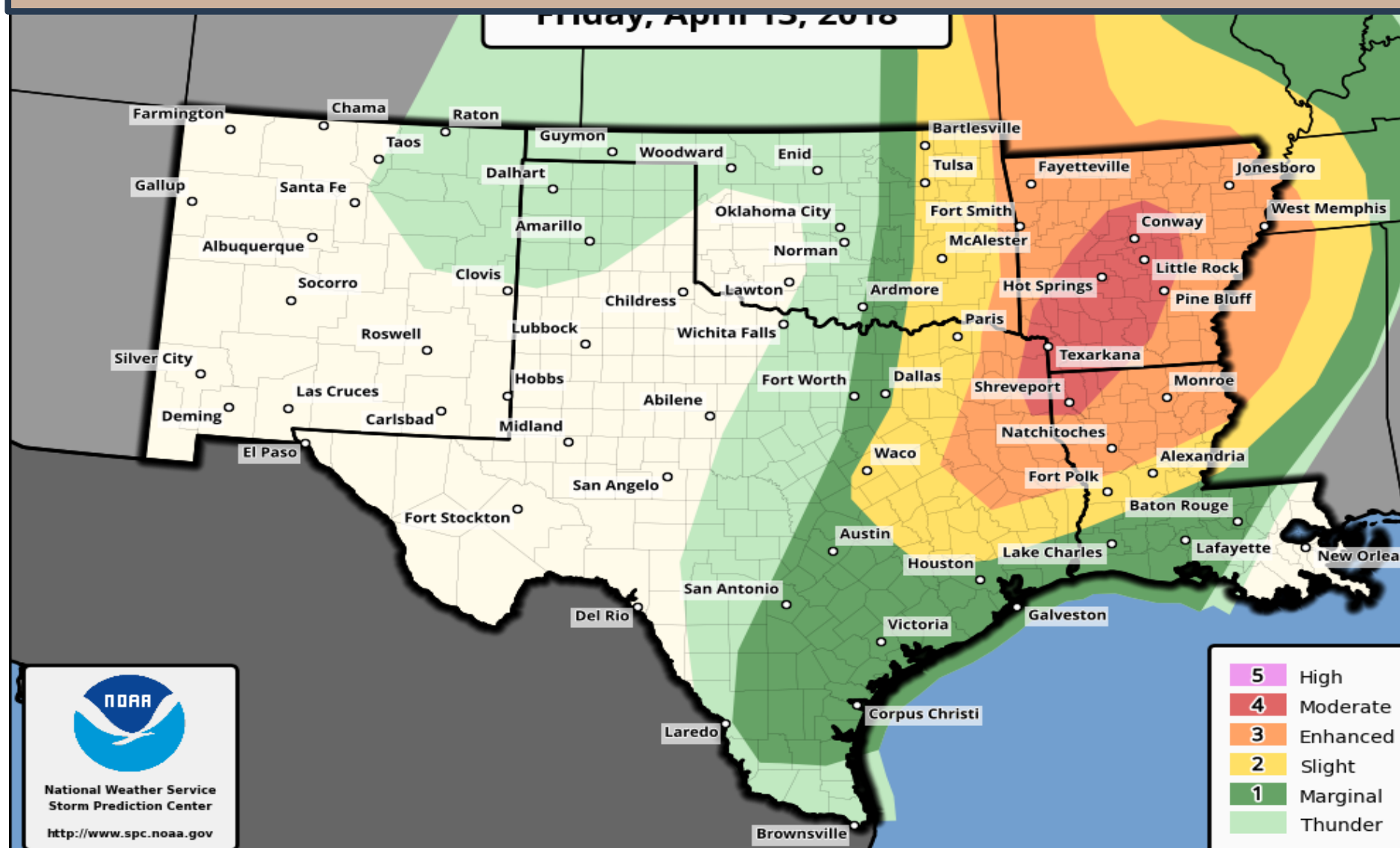


Forecast Rainfall

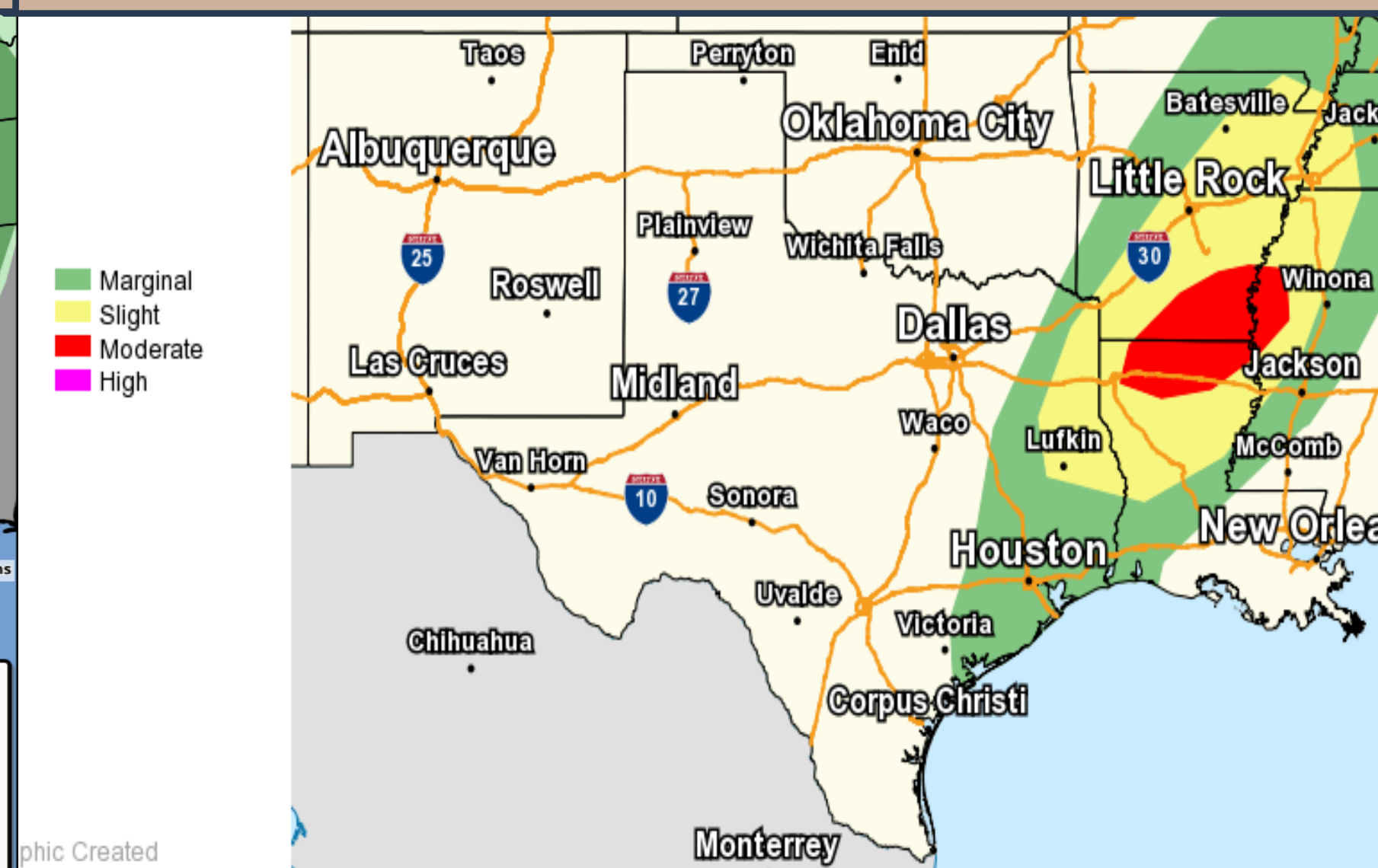


**Slight to Moderate risk area
for severe thunderstorms
across NE TX/E OK into
AR/NW LA.**

Severe Weather Outlook



Excessive Rainfall Outlook

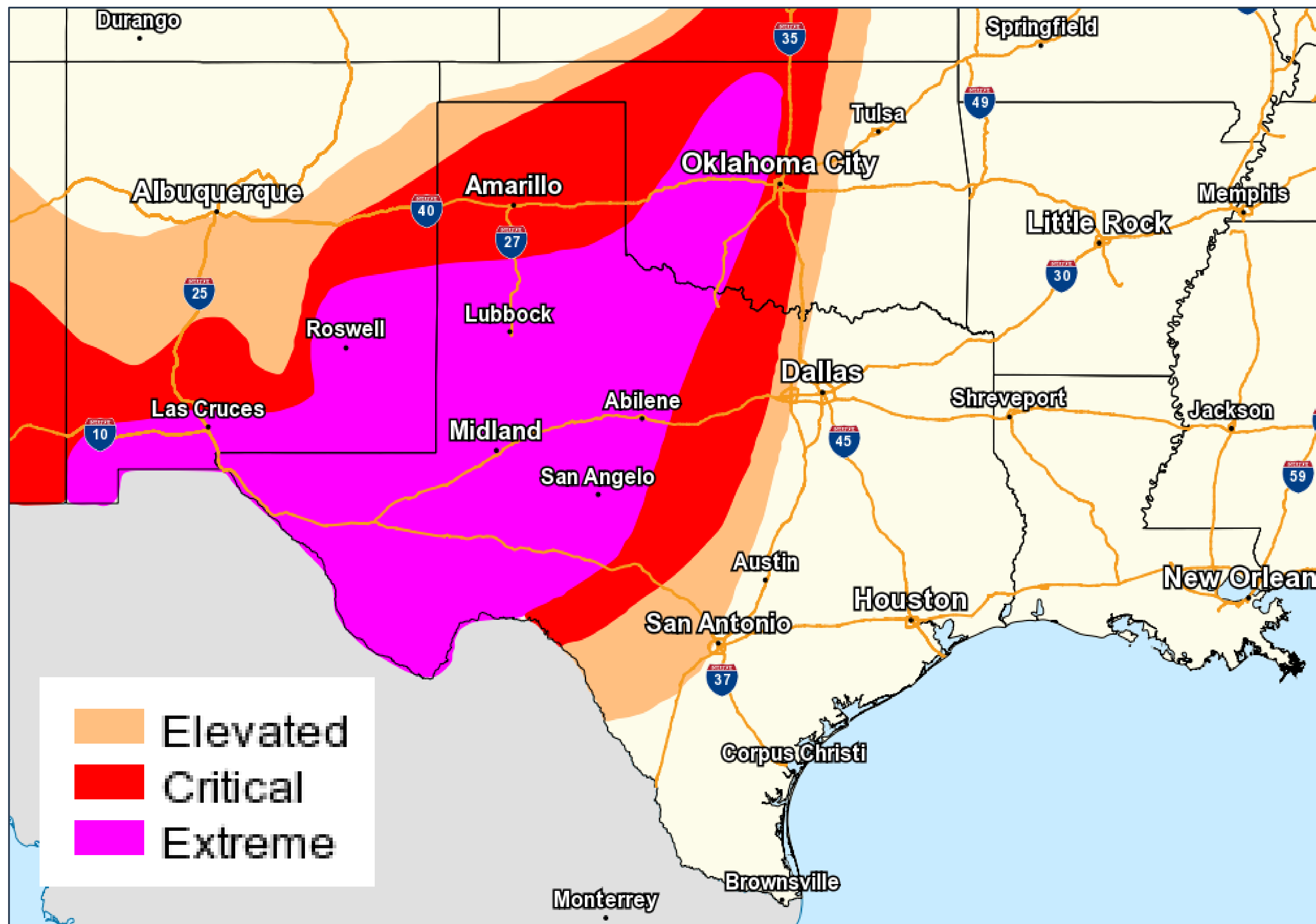


**Heavy rainfall possible for E
AR into N LA/ETX.**

Today's Fire Weather Outlook



SR ROC
REGIONAL OPERATIONS CENTER



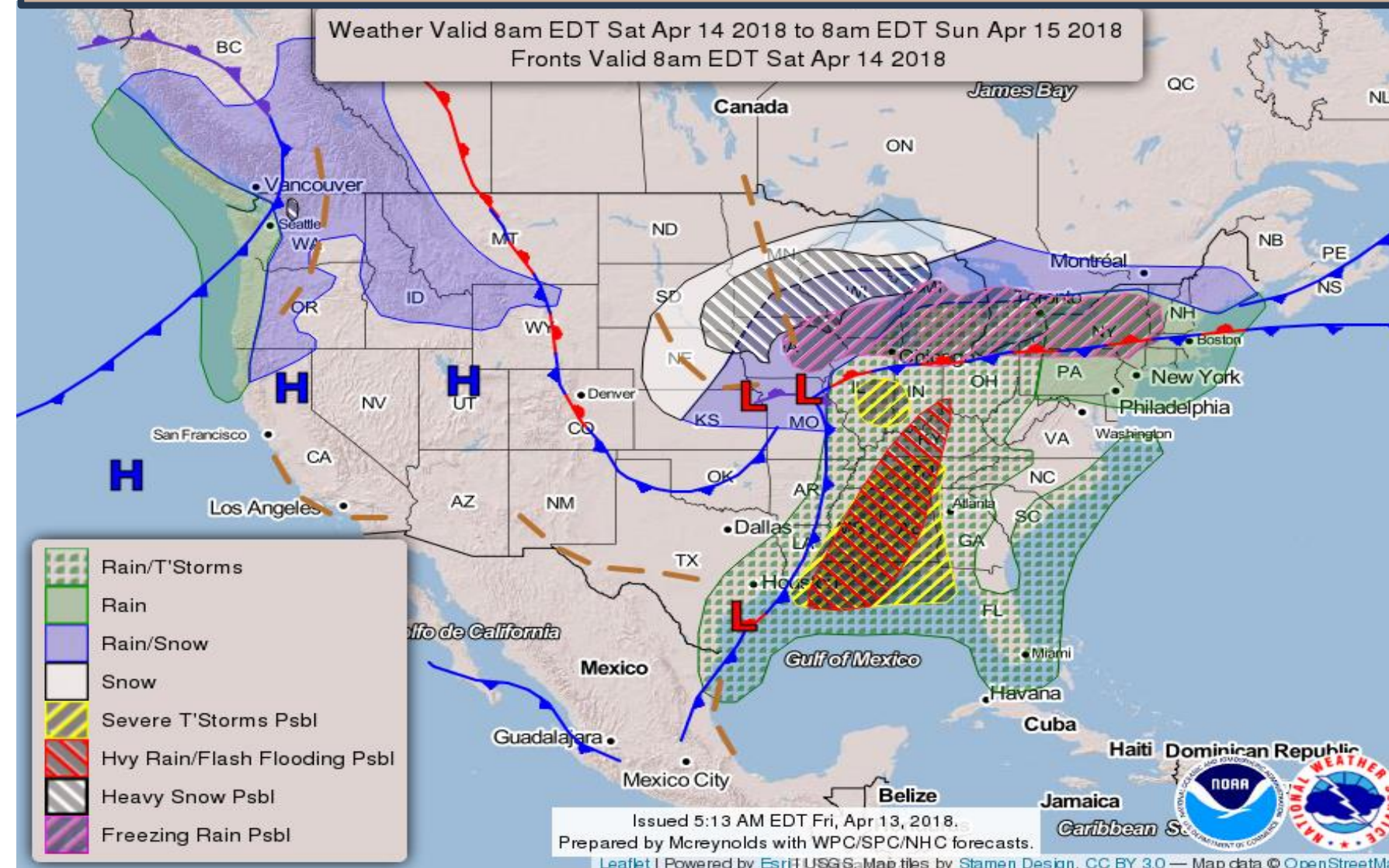
Critical/extreme fire weather conditions across E NM/W TX into the TX/OK Panhandles.

Tomorrow's Weather

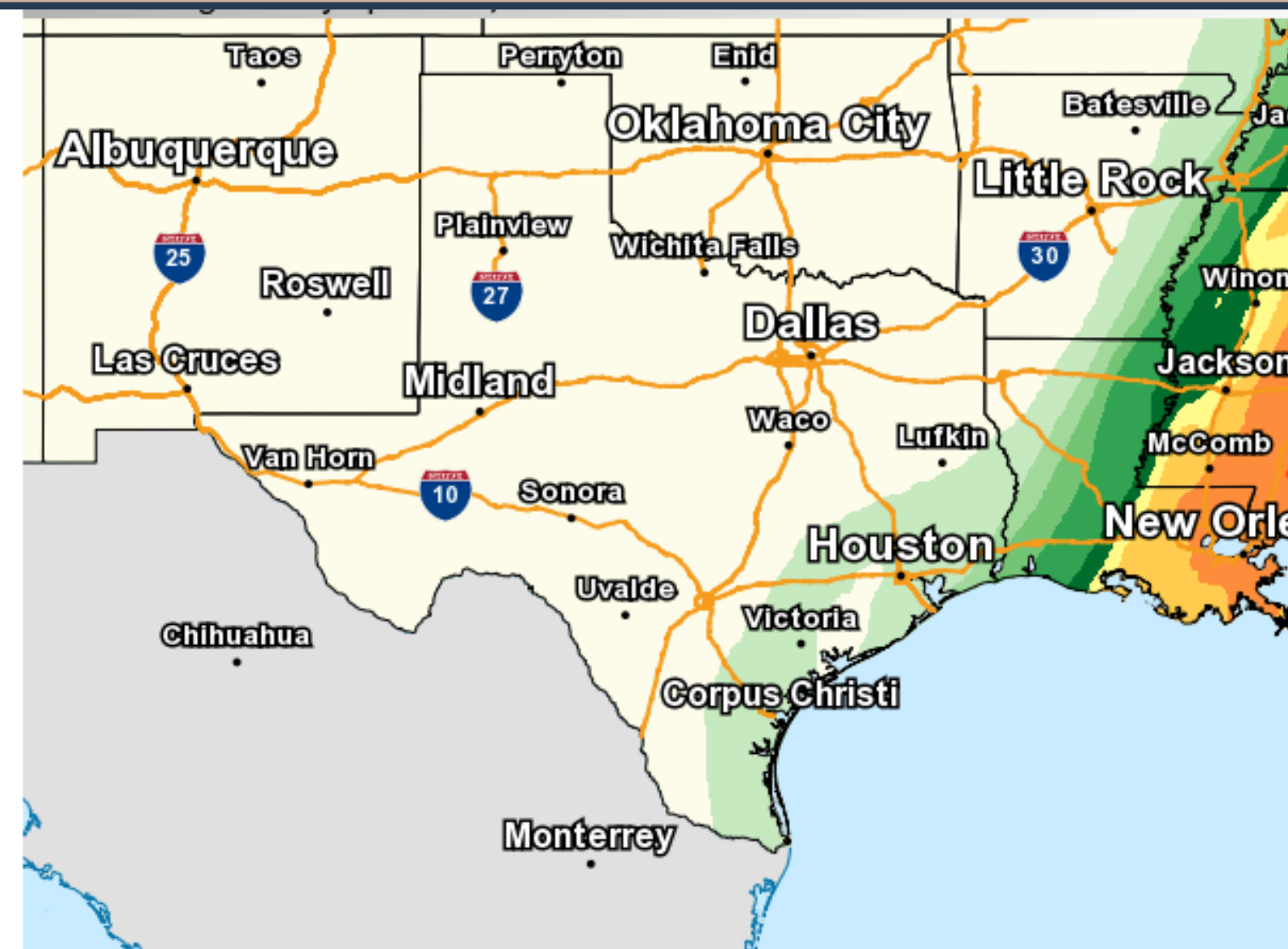


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



Forecast Rainfall

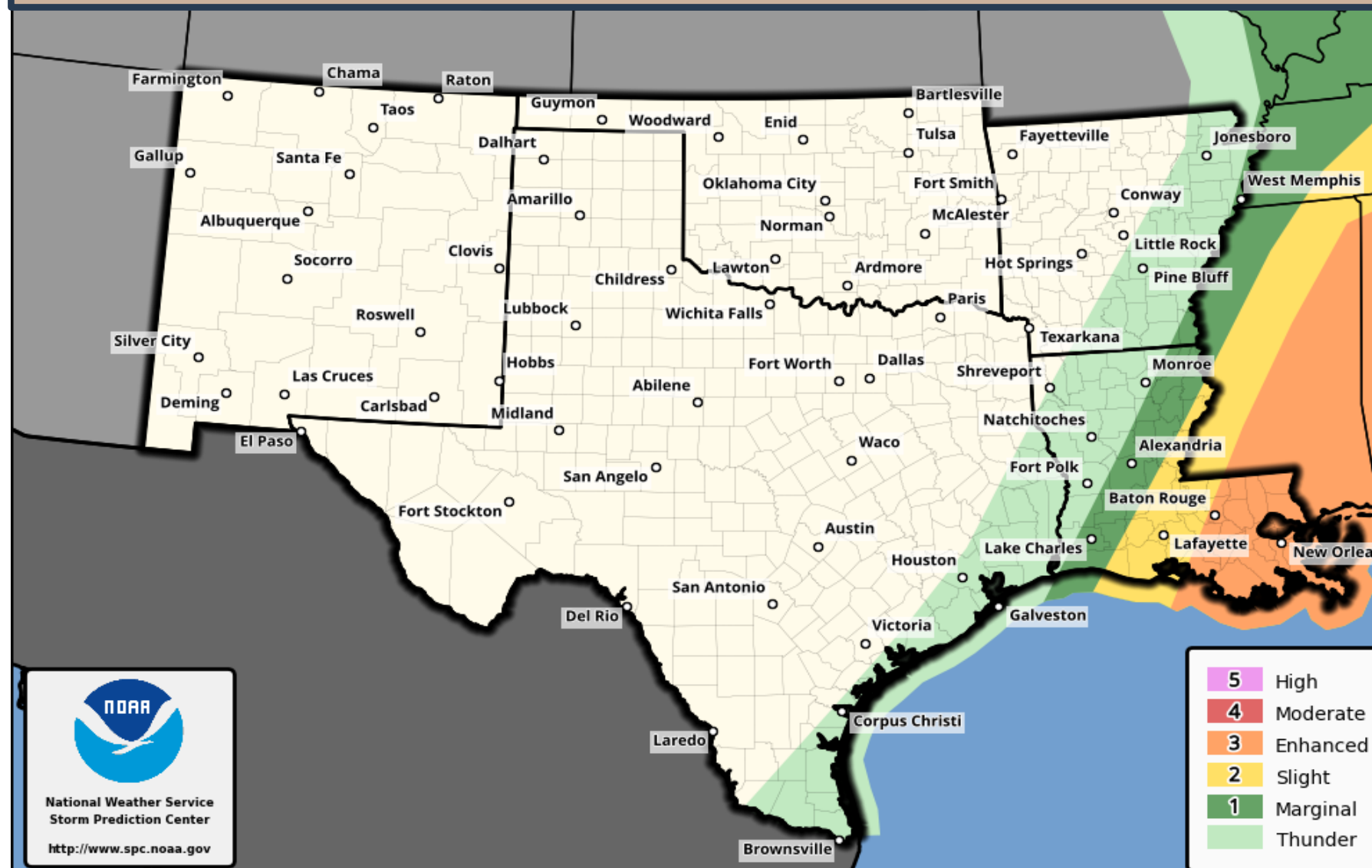


Graphic Created
April 13th, 2018
7:44 AM CDT

Enhanced risk area for severe thunderstorms across SE LA.

Heavy rainfall possible for SE LA.

Severe Weather Outlook



Graphic Created

Excessive Rainfall Outlook

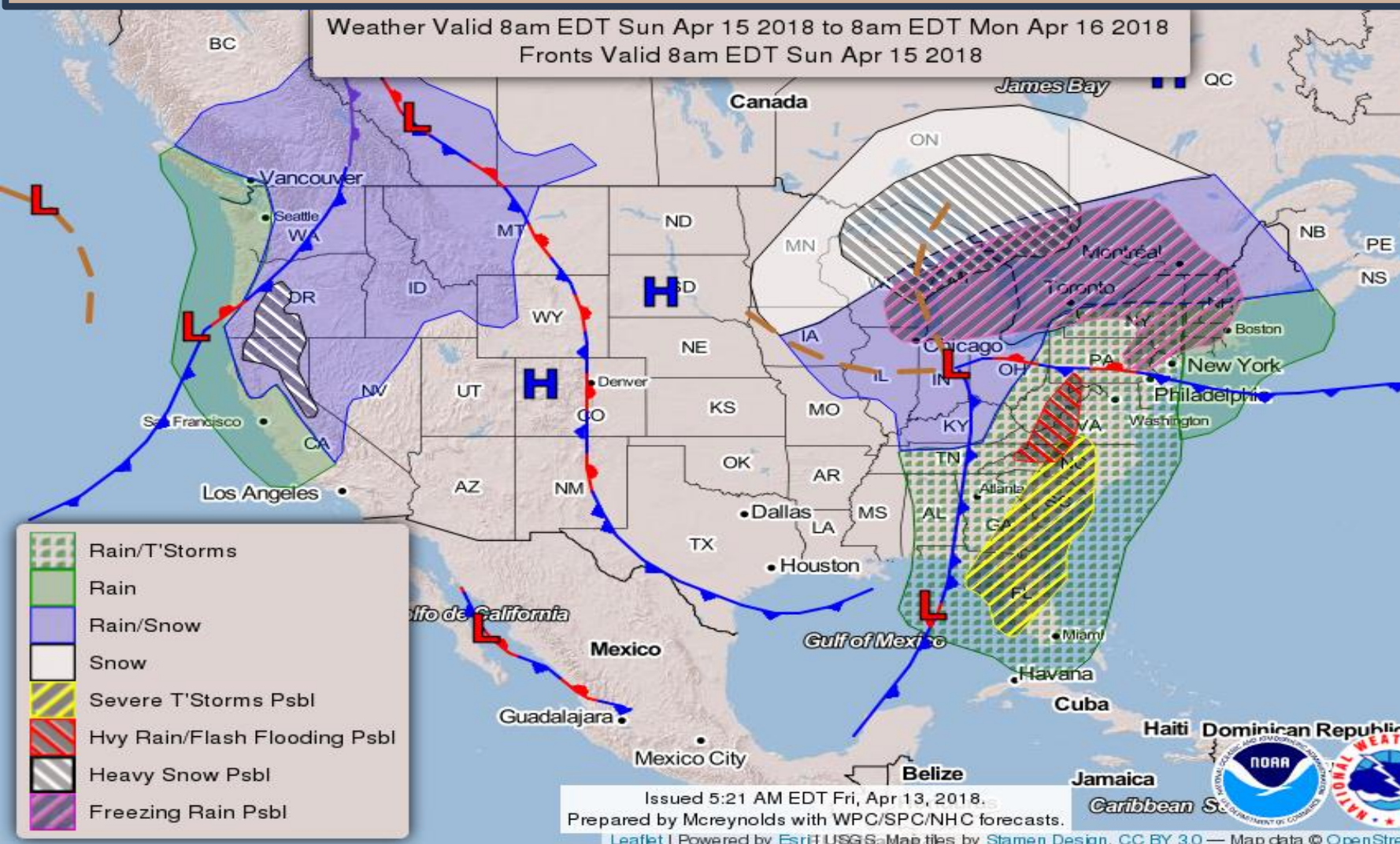


Sunday's Weather

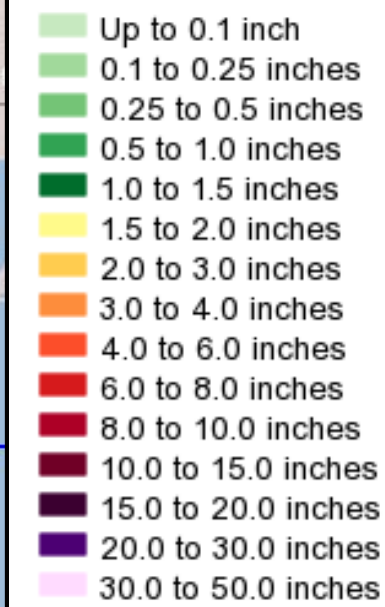


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



Forecast Rainfall



No Significant Weather
Impacts expected.

Severe Weather Outlook



Excessive Rainfall Outlook

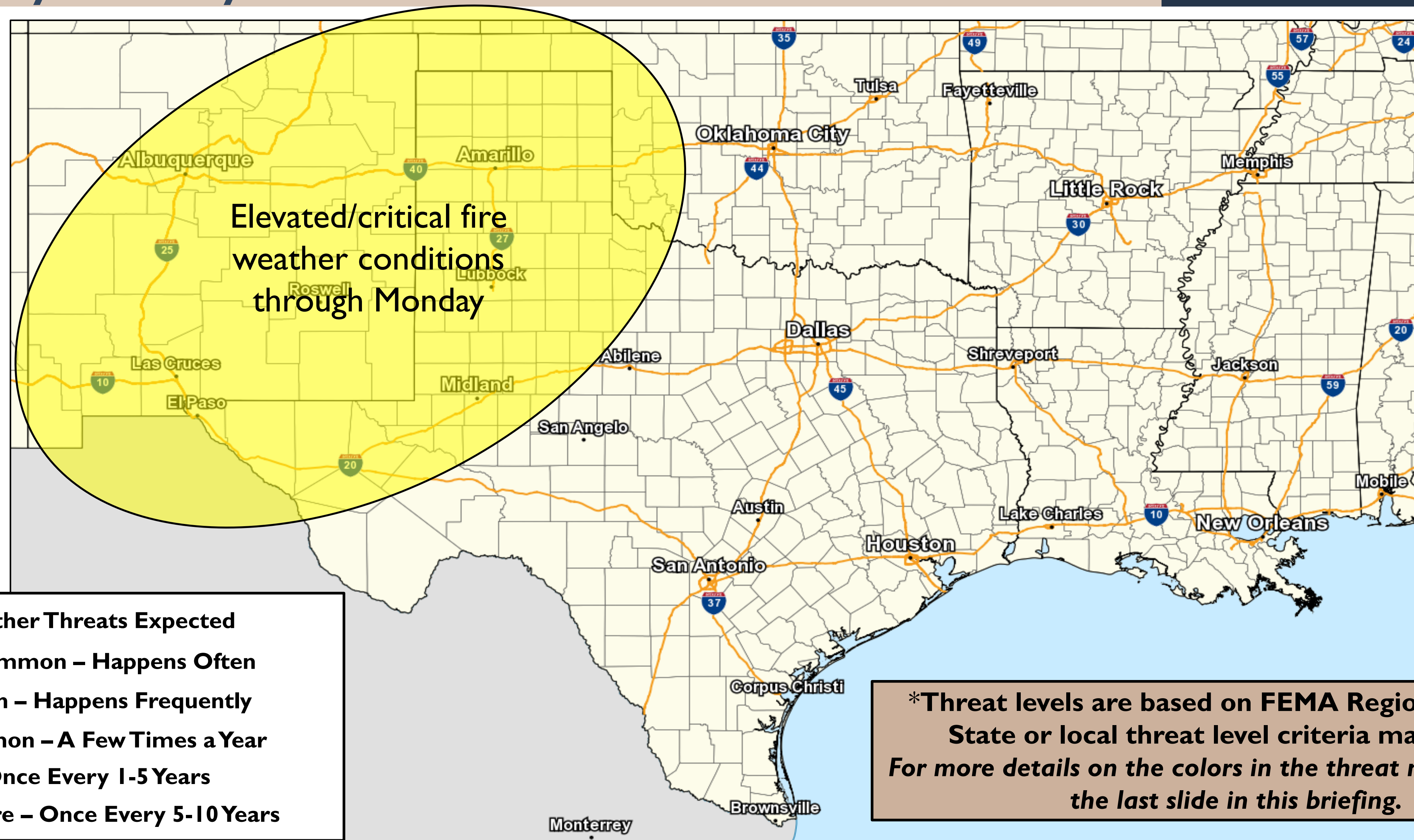


Days 4-5 Weather Hazards

Monday - Tuesday



SR ROC
REGIONAL OPERATIONS CENTER



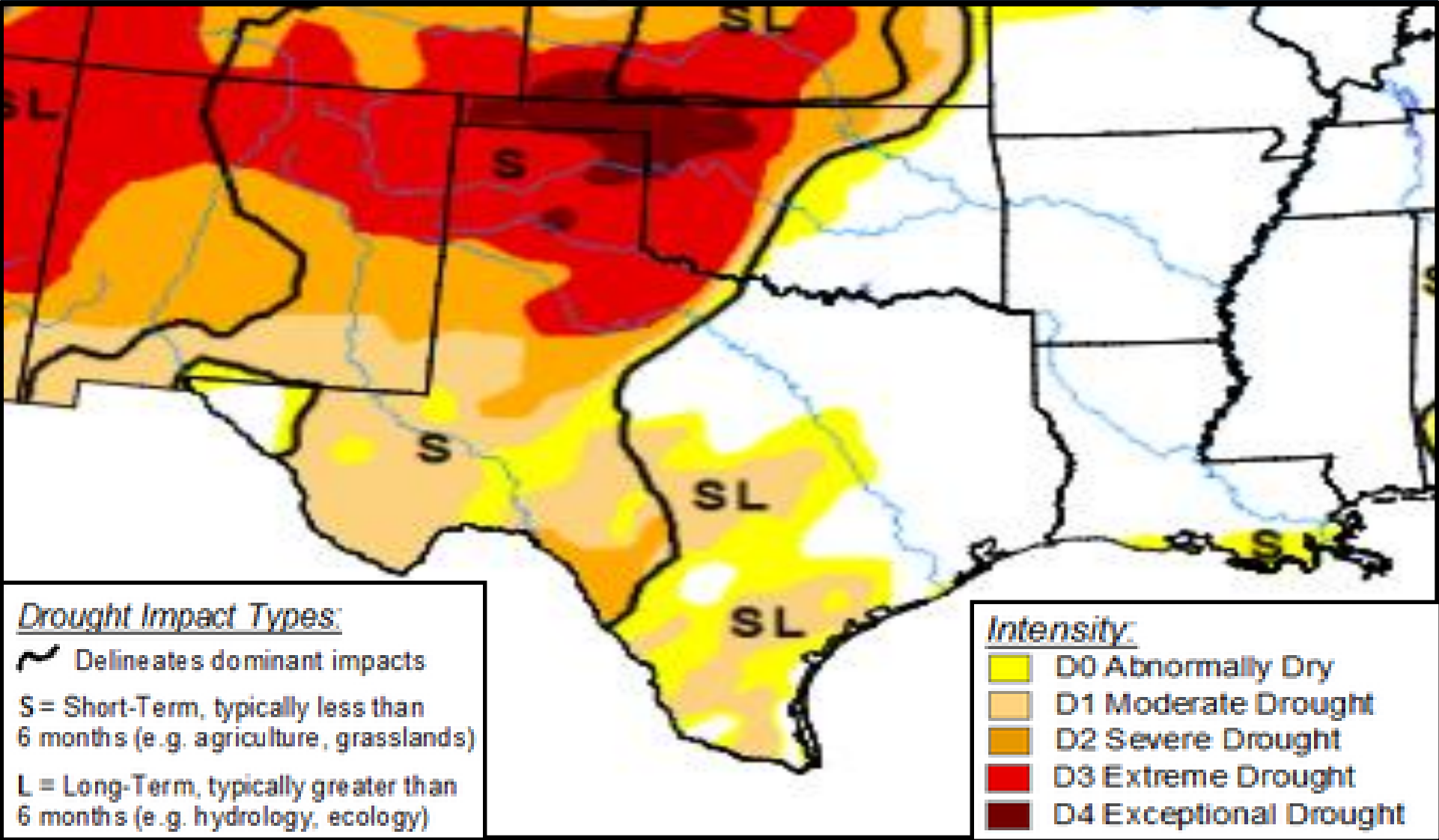
Drought Monitor (Released Apr 12th, 2018)



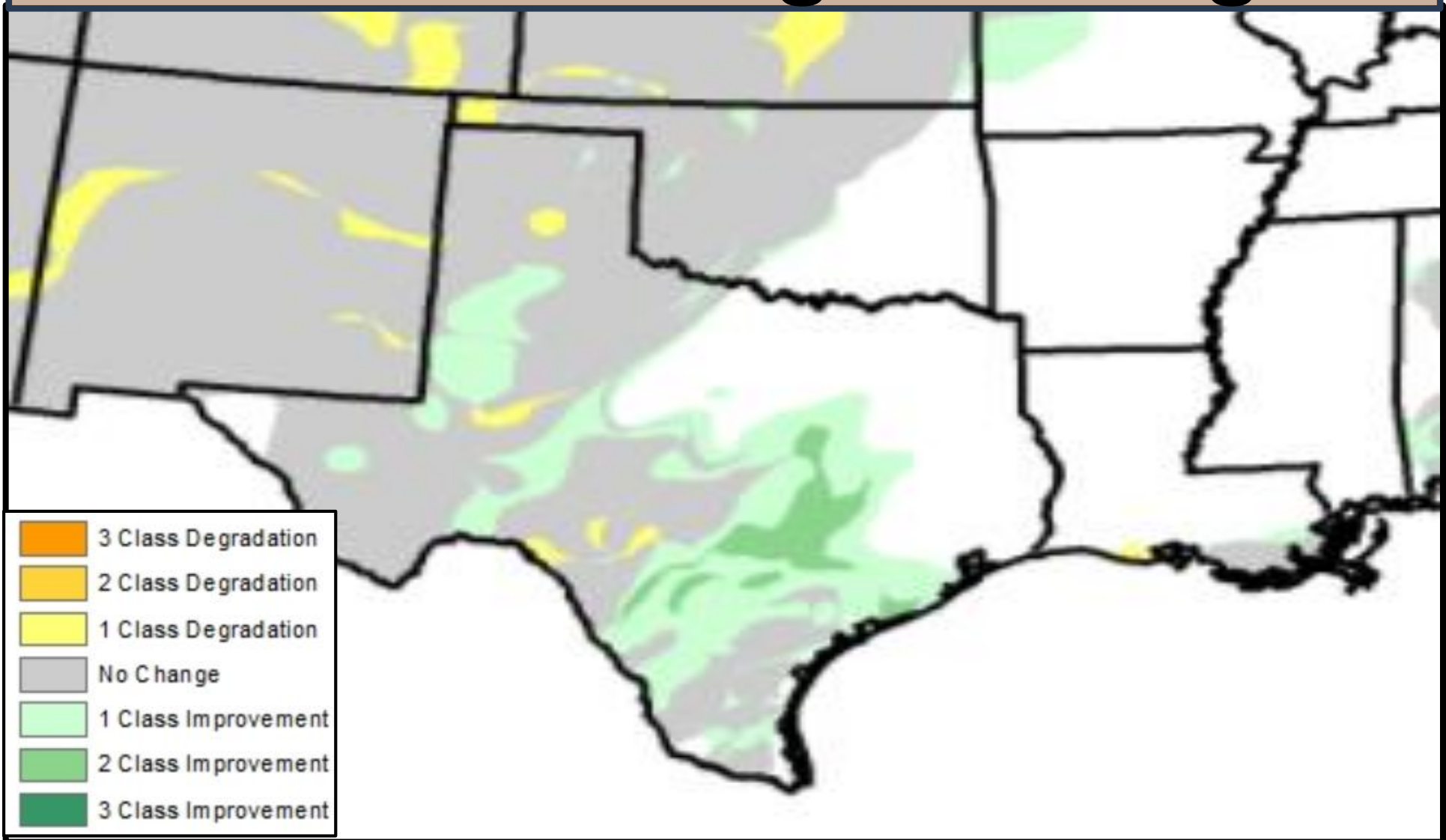
SR ROC
REGIONAL OPERATIONS CENTER

Data valid as of 7am CDT, Tuesday, April 10rd, 2018

Drought Monitor



One Week Change in Drought



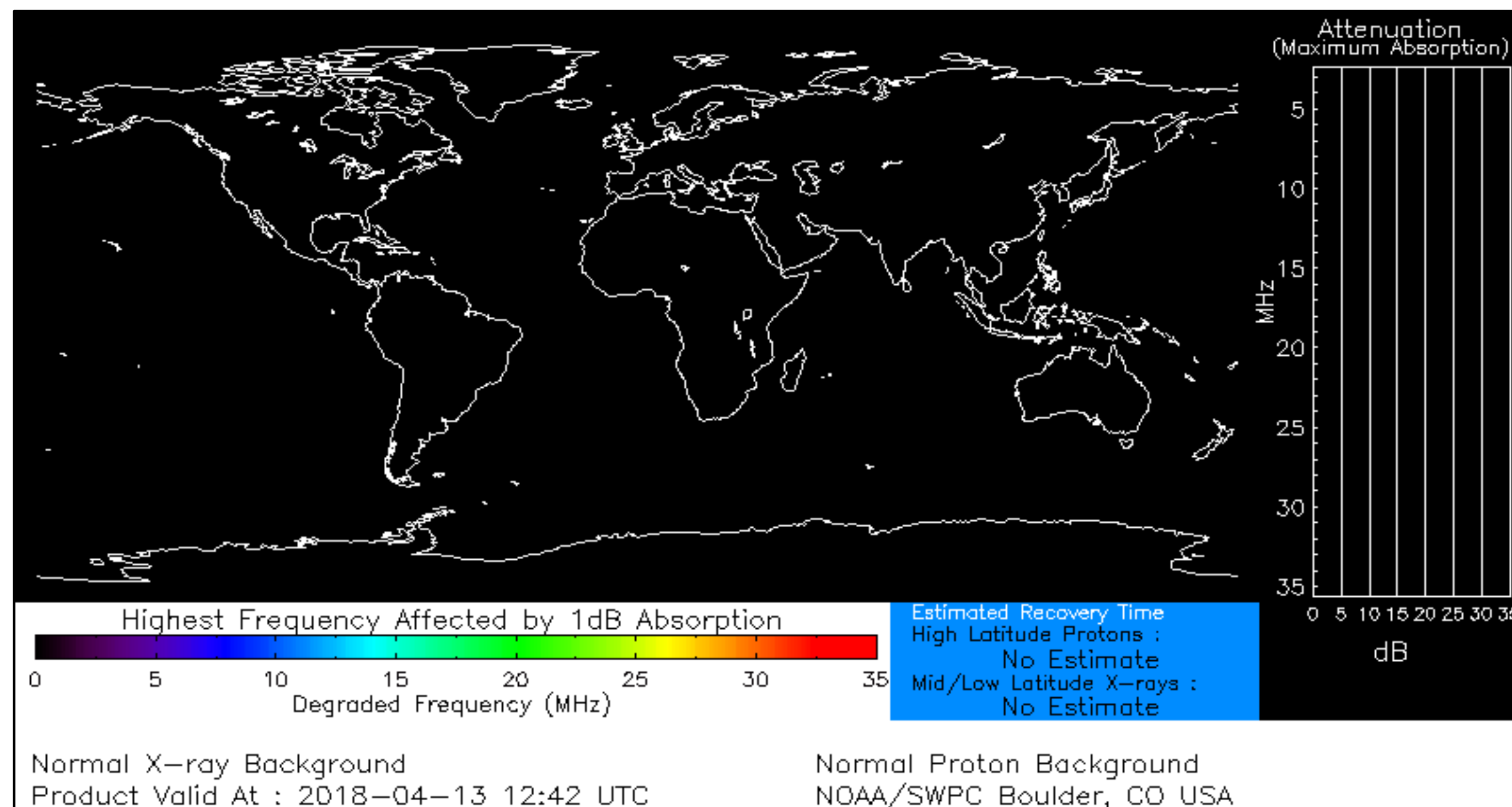
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	2.37%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	34.85%	34.85%	7.03%	0.00%
Texas	13.21%	13.21%	0.39%	0.00%
New Mexico	45.92%	38.87%	0.00%	0.00%

Space Weather 3-Day Forecast



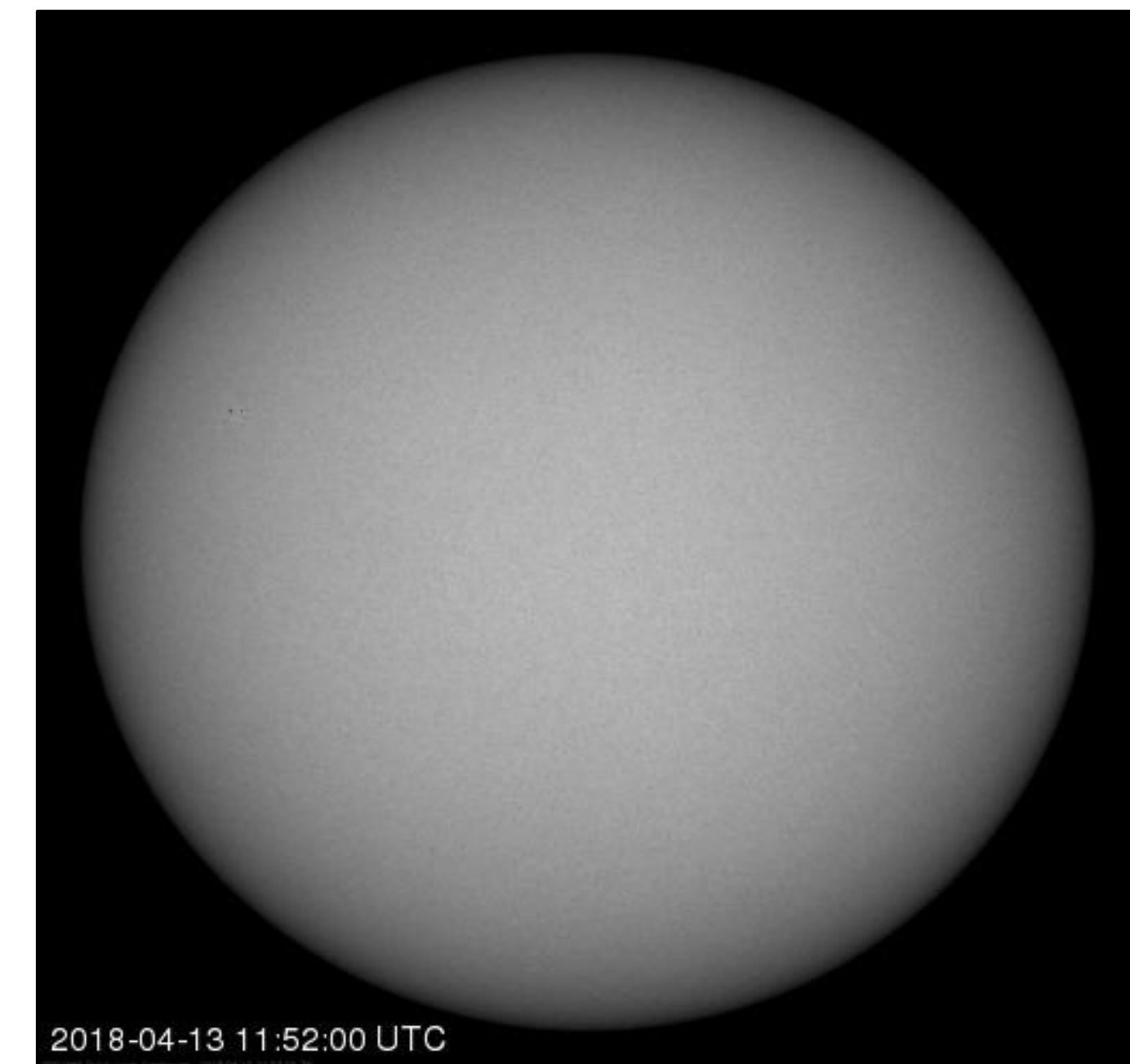
SR ROC
REGIONAL OPERATIONS CENTER

	Friday	Saturday	Sunday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov